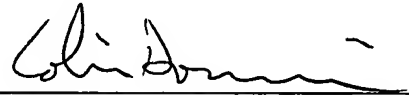


Appln No. 10/628,675  
Amdt date April 7, 2004

REMARKS/ARGUMENTS

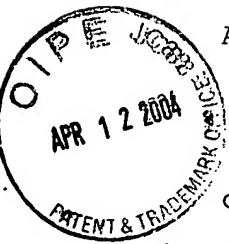
Claims 2-31 are now pending in this application. Claim 1 has been canceled. Claims 2-31 have been added. The new claims find full support in the original specification and claims. No new matter has been added. Applicant respectfully requests that the above amendments be entered prior to examination of the application.

Respectfully submitted,  
CHRISTIE, PARKER & HALE, LLP

By   
Colin T. Dorrian  
Reg. No. 54,658  
626/795-9900

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## ABSTRACT OF THE DISCLOSURE



5 A method of transmitting and receiving data packets over a  
channel susceptible to random burst and/or white gaussian noise  
channel errors. Each data packet is encoded, interleaved and  
modulated to form modulated interleaved error correctable  
encoded data packets, which are then transmitted over the  
channel. The channel can be a telephone line. The encoding  
includes performing Reed Solomon encoding on each data packet  
10 to form Reed Solomon error correctable encoded data packets.  
The modulated interleaved error correctable encoded data  
packets are received from the channel, and demodulated,  
deinterleaved and decoded to extract each transmitted data  
packet. The decoding includes performing Reed Solomon decoding  
15 on each deinterleaved demodulated error correctable encoded  
data packet to form Reed Solomon decoded data packets. Each  
data packet or Reed Solomon decoded data packet is cyclic  
redundancy check encoded, or decoded, respectively after  
performing Reed Solomon encoding or decoding.

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